



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: **SHIRAISHI, Masashi et al.**

Group Art Unit: **2652**

Serial No.: **10/705,884**

Examiner:

Filed: **November 13, 2003**

P.T.O. Confirmation No.: 6111

**FOR: PRECISE POSITIONING ACTUATOR FOR HEAD ELEMENT, HEAD GIMBAL ASSEMBLY WITH THE ACTUATOR, DISK DRIVE APPARATUS WITH THE HEAD GIMBAL ASSEMBLY AND MANUFACTURING METHOD OF HEAD GIMBAL ASSEMBLY**

**INFORMATION DISCLOSURE STATEMENT**  
**PURSUANT TO 37 CFR 1.97(c)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

August 19, 2004

Sir:

The attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached Form PTO-1449. One copy of each of these documents is attached.

This Information Disclosure Statement is being submitted after issuance of a first official action on the merits and expiration of the three month period following the filing date or the entry of the national stage for the above-captioned application, but prior to issuance of either a final official action or a Notice of Allowance. A check is attached hereto which covers the \$ 180.00 fee set forth in 37 CFR 1.17(p).

The above information is presented so that the Patent and Trademark Office can, in the first instance, determine any materiality thereof to the claimed invention. See 37 CFR 1.104(a) concerning the PTO duty to consider and use any such information. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the

documents cited in the attached Form PTO-1449 be made of record therein and appear on the first page of any patent to issue therefrom.

The Commissioner is hereby authorized to charge any additional fee (or credit any overpayment) associated with this statement to our Deposit Account No. 01-2340.

Respectfully submitted,

ARMSTRONG, KRATZ, QUINTOS,  
HANSON & BROOKS, LLP



William L. Brooks  
Attorney for Applicant  
Reg. No. 34,129

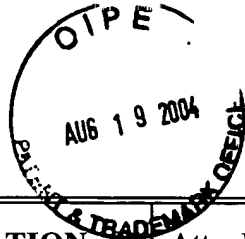
WLB/alw  
Atty. Docket No. **010997B**  
Suite 1000  
1725 K Street, N.W.  
Washington, D.C. 20006  
(202) 659-2930



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PATENT TRADEMARK OFFICE

Enclosures: PTO-1449 and references (3)  
Check for \$ 180.00



<b>INFORMATION DISCLOSURE CITATION PTO-1449</b>	Atty. Docket No. <b>010997B</b>	Serial No. <b>10/705,884</b>
	Applicant(s): <b>SHIRAISHI, Masashi et al.</b>	
	Filing Date: <b>November 13, 2003</b>	Group Art Unit: <b>2652</b>

### U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Name	Date	Class	Subclass	Filing Date (If appropriate)
_____	AA					
_____	AB					
_____	AC					
_____	AD					
_____	AE					

### FOREIGN PATENT DOCUMENTS

Document No.	Date	Country	Translation (Yes or No)
_____ AF 98/19304	05/07/98	PCT	Abstract
_____ AG 2000-113615	04/21/00	Japan	Abstract
_____ AH 00/16318	03/23/00	PCT	Abstract
_____ AI			
_____ AJ			

### OTHER DOCUMENTS

_____	AK	
_____	AL	
Examiner	Date Considered	